

Please ~~initial~~ sign/recorded to:

Pillsbury Winthrop LLP
 Intellectual Property Group
 P.O. Box 10500
 McLean, VA 22102

USA Patent Appln.
 Sole or Joint

For Inventions made outside USA
 executed with or after application
 Atty. Dkt. P _____
 M# _____

Client Ref. _____

NONPROVISIONAL

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
 NAME(S) OF
 INVENTOR(S)

(1) Hag Dong KIM
 (3)
 (5)

(2)

(4)

x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
 NAME(S) OF
 ASSIGNEE(S)
 & ADDRESS(ES)

DONGBU ELECTRONICS CO., LTD.
 891-10, Daechi-Dong, Gangnam-Gu, Seoul, Republic of Korea

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the Invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
 INVENTION

Method of Manufacturing A Semiconductor Device

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →

(Complete
 line A, B and/or C)

(A) even date herewith

(B) on _____

(C) In U.S. Appln. No. 10 / 743,180 filed December 23, 2003

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE.

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the Invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert herein any further identification necessary or desirable for recordation of this document.

1):

INVENTORS

Hag Dong KIM

Name: Hag Dong KIM

2)

Name: _____

3)

Name: _____

4) Name:

Name: _____

5) Name:

Name: _____

Name:

DATE SIGNED

10/12/2003

WITNESSES

FROM
 Intellectual Property Group of
 Pillsbury Winthrop LLP
 Attorneys at Law
 P.O. Box 10500
 McLean, VA 22102

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JUL 21 2004

Telephone: (703) 905-2000

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In re PATENT APPLICATION of

Inventor(s) KIM

Appln. No. 10/743,180

Group Art Unit: 2812

Examiner: _____

series code ↑ ↑ serial no.
 Filed: December 23, 2003

Atty. Dkt. P 40044/307370
 M# _____

TITLE: METHOD OF MANUFACTURNG A
 SEMICONDUCTOR DEVICE

Date: July 21, 2004

Name or type of signed paper being transmitted:

Copy of Notice of Non-Recordation ID No: 102640341

Response to Notice of Non-Recordation

Original Assignment

New Transmittal Cover Sheet

Original Cover Sheet with cash register receipt information

Copy of PTO date-stamped postcards evidencing receipt of original papers
 on December 23, 2003

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Name Henry J. Daley Sig. Henry J. Daley

Date July 21, 2004

40044/307370

Attorney's Docket 040044-0307370
Client Reference: OF03P235/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:
HAG DONG KIM

Confirmation No: 7277

Application No.: 10/743,180

Group Art Unit: 2812

Filed: December 23, 2003

Examiner:

Title: METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**CERTIFICATION OF FACSIMILE TRANSMISSION
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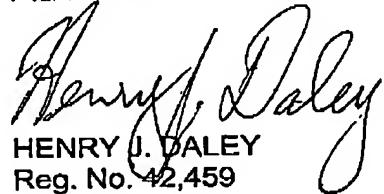
Original Assignment

New Transmittal Cover Sheet

Original Cover Sheet with cash register receipt information

Copy of PTO date-stamped postcards evidencing receipt of original papers on December 23, 2003

PILLSBURY WINTHROP LLP



HENRY J. DALEY
Reg. No. 42,459

Date: July 21, 2004
P.O. Box 10500
McLean, VA 22102
Telephone: (703) 905-2000
Facsimile: (703) 905-2500

Attorney Docket No. 040044-0307370
Client Reference: OF03P235/US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: HAG DONG KIM

Application No.: 10/743,180

Group Art Unit: 2812

Filed: December 23, 2003

Examiner:

Confirmation No.: 7277

For: METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE

**RESPONSE TO NOTICE OF NON-RECORDATION OF DOCUMENT
DOCUMENT ID NO.: 102640341**

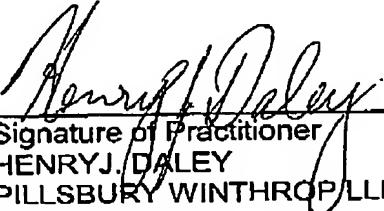
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached is a copy of Document ID No. 102640341, dated July 14, 2004, indicating that the Assignment as filed on December 23, 2003 is non-recordable because there is no date of execution on the transmittal sheet. Applicant therefore encloses herewith a fresh transmittal sheet with the properly indicated Assignment execution date. Also attached is a copy the original Assignment, a copy of the cash-register receipted defective transmittal sheet and a copy of the Patent Office date-stamped postcards indicating receipt in the Patent Office of the originally filed Assignment on December 23, 2003. This document is being filed within thirty days of the mailing of Document ID No. 102640341 and it is therefore believed that no further fee is required in connection with the recording of the Assignment. Recordation and return of a Notice of Recordation is respectfully requested.

Date: July 21, 2004

Reg. No.: 42,459
Tel. No.: (202) 775-9832
Customer No.: 00909



Signature of Practitioner
HENRY J. DALEY
PILLSBURY WINTHROP LLP
P.O. Box 10500
McLean, VA 22102

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PATENT APPLICATIONS & PATENTS ONLYTO THE DIRECTOR OF THE US PATENT AND TRADEMARK OFFICE:
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. HAG DONG KIM
3.
5.
7.2.
4.
6.
8.ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DONGBU ELECTRONICS CO., LTD.

ADDRESS: 891-10, Daechi-dong, Gangnam-gu, Seoul, Republic of Korea

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

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EXEC. DATE: December 16, 2003

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A. PAT. APP. NO.(S) series code/serial no.	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
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10743,180 307370

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:Pillsbury Winthrop LLP
Intellectual Property Group
P.O. Box 10500, McLean, VA. 221026. NUMBER INVOLVED:
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ABOVE TOTAL x \$40 = \$40

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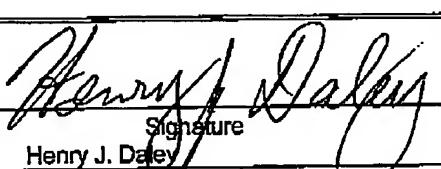
NUMBER: 03-3975

UNDER ORDER NO 40044 307370

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Signature
Attorney: Henry J. Daley
Reg. No. 42459
Atty/Sec: HJD/emg

Date: July 21, 2004
TEL: (202) 775-9832
FAX: (202) 833-8491

FILE WITH PTO RETURN RECEIPT (PAT-103A)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
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JULY 14, 2004

PTAS



102640341A

PILLSBURY WINTHROP LLP
IP GROUP
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MCLEAN, VA 22102

UNITED STATES PATENT AND TRADEMARK OFFICE
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DOCUMENT ID NO.: 102640341

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THE ORIGINAL DATE OF FILING OF THIS ASSIGNMENT DOCUMENT WILL BE MAINTAINED IF RESUBMITTED WITH THE APPROPRIATE CORRECTION(S) WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE AS OUTLINED UNDER 37 CFR 3.51. THE RESUBMITTED DOCUMENT MUST INCLUDE A STAMP WITH THE OFFICIAL DATE OF RECEIPT UNDER 37 CFR 3. APPLICANTS MAY USE THE CERTIFIED PROCEDURES UNDER 37 CFR 1.8 OR 1.10 FOR RESUBMISSION OF THE RETURNED PAPERS, IF THEY DESIRE TO HAVE THE BENEFIT OF THE DATE OF DEPOSIT IN THE UNITED STATES POSTAL SERVICE.

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ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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JUL 19 2004

CL 0400544 MT# 0307370
ATTY(S) TDK G73 440
DUE: Aug 13, 2004
DKT BY (1) CMS (2) *[Signature]*

Ser. No.
Applicant

MARK

The following

S

Other

PTO RECEIPT Attorney Docket: 040044-0307370

Atty: Dale S. Lazar/Joyce Hill

Appn. No: Date: December 23, 2003

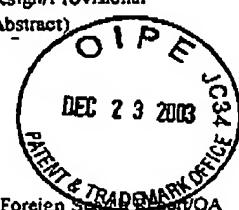
Inventor(s): HAG DONG KIM

Title: METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE

 Preliminary Amendment Application Data Sheet Appendix Utility/Design/Provisional 30 No. of Pages Application (Spec + Claim(s) + Abstract) No. of Pages Separate Power of Attorney 7 No. of Numbered Claims Only Declaration (1 of pages) Assignment Cover Sheet 2 No. of Priority Documents 11 No. of Sheets of Drawings (Fig(s) 1-18) IDS Appendix for Cited Appl(s) Foreign Search Report/OA PTO-1449 Cited Documents Nonpublication Request**\$ 810.00** Total Fee Charged to Deposit Account 033975

Other:

CURRENT DUE DATE: December 30, 2003



285A 7/96

Ser. No./R
Applicant/

MARK

The following

S

Other

PTO RECEIPT Attorney Docket: 040044-0307370

Atty: Dale S. Lazar/Joyce Hill

Appn. No: Date: December 23, 2003

Inventor(s): HAG DONG KIM

Title: METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE

 Preliminary Amendment Application Data Sheet Appendix Utility/Design/Provisional 30 No. of Pages Application (Spec + Claim(s) + Abstract) No. of Pages Separate Power of Attorney 7 No. of Numbered Claims Only Declaration (1 of pages) Assignment Cover Sheet 2 No. of Priority Documents 11 No. of Sheets of Drawings (Fig(s) 1-18) IDS Appendix for Cited Appl(s) PTO-1449 Cited Documents Nonpublication Request**\$ 810.00** Total Fee Charged to Deposit Account 033975

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17302 U.S. PTO
10/743180

122303

7/96

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10743180
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102649341

1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):

1. Hag Dong KIM

2.

3.

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5.

6.

7.

8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Dongbu Electronics Co., Ltd.

ADDRESS: 891-10, Daechi-dong, Gangnam-gu, Seoul, Republic of Korea

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

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A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR If not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
	307370	KIM			

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:Pillsbury Winthrop LLP
Intellectual Property Group
P.O. Box 10500 McLean, VA 22102

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Attorney: Dale S. Lazar

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01 FC:8021 40.00 DA

PAT-114X 9/03